THUASNE

SpryStep® AFO Prescription Guide

The SpryStep® AFO range is designed for patients who have foot and ankle deficits. It is not suitable for patients who have active ulceration or fluctuating edema.

Does the patient have triplanar instability and/or limited range of motion in the ankle joint, subtalar joint or 1st MTP joint?

YES → **Custom SpryStep® range recommended**

NO → How would you best describe the knee instability present?

- Knee Hyperextension Instability (1° to 5°) → Level of Deficit → Mild / Moderate
- Knee Flexion Instability (1° to 10°) Quads ≥3 MRC* → Level of Deficit → Mild / Moderate

Patient Activity Level (high to low)

Plantarflexor Muscle Strength MRC* (high to low)

5	4	≤3	≤3
			
SpryStep® Flex	**SpryStep® Original**	**SpryStep® Plus**	**SpryStep® Max**
·L1951 PDAC approved ·Posterior-lateral, spiral strut with posterior calf cuff ·Used for augmenting remaining dorsiflexor muscle powers and proprioception in more able or active users ·120 kg weight limit	·L1951 PDAC approved ·Posterior-lateral, hemi-spiral strut with posterior calf cuff ·For aiding more flaccid dorsiflexor muscle powers and proprioception in a wide range of users ·120 kg weight limit	·L1932 PDAC approved ·Posterior-lateral strut, with anterior shell ·For aiding remaining planterflexor, knee stability muscle power and proprioception in a wide range of users ·120 kg weight limit	·L1932 PDAC approved ·Lateral strut with anterior shell ·For aiding weakened planterflexors, knee stability muscle power and proprioception in less dynamic users ·120 kg weight limit

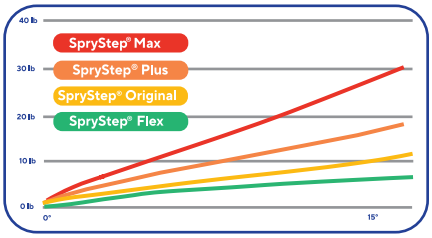
The SpryStep® OTS Range of AFOs

An elegant, durable and effective range of off-the-shelf ankle foot orthoses.

Featuring varying degrees of stiffness, posterior and anterior calf cuffs and differing strut geometries, the SpryStep® range offers an effective solution for a wide variety of patient presentations.

**Medical Research Council Manual Muscle Testing Scale*

Resistance of AFO in Dorsiflexion



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SpryStep® AFO Range

Offering a variety of solutions from pediatric to adult, the SpryStep® AFO range is highly customizable, extremely versatile and ready to wear.

SpryStep® Vector

Customizable in shape and stiffness, the SpryStep® Vector is the top tier in the SpryStep® range, offering superior control for the most complex conditions and patients.

Vector

SpryStep® Custom

Custom shape, molded inner boot and pre-tib shell options take the SpryStep® Flex, SpryStep® Original and SpryStep® Plus to the next level.

Flex

Original

Plus

SpryStep® Off-the-Shelf

With five different models, the SpryStep® OTS AFO range addresses a wide array of indications with variations in strut placement, ground reaction force and stiffness.

Pediatric

Flex

Original

Plus

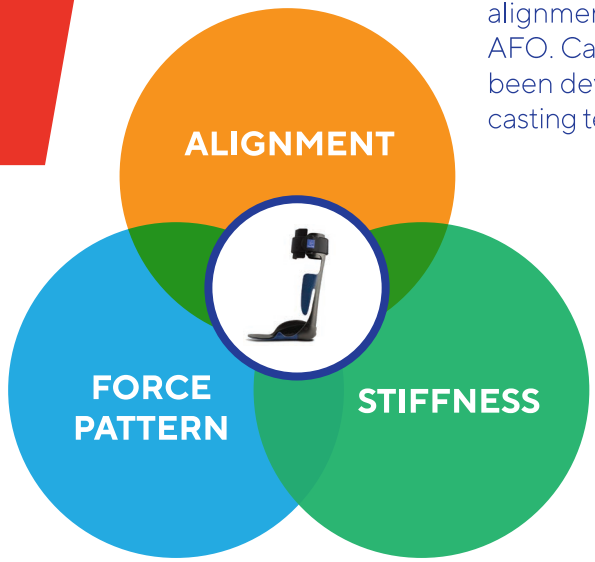
Max

Working Together for Better Patient Outcomes

It takes a collaborative partnership between clinician and craftsman to create the best custom AFO for a patient. The AFO fabrication is only as precise as the cast provided, that's why clear casting guidelines and high clinical skill is vital to the fabrication process. A successful outcome with a superior product, like the SpryStep® Vector AFO, is only possible with good communication between the clinical and fabrication teams.

Dynamics of a Successful AFO

Alignment - A cast representative of a patient's optimal dynamic midstance alignment is vital in the fabrication of an AFO. Casting tools and guidelines have been developed to support effective casting techniques in the clinical setting.



Force pattern - The appropriate corrective force is applied to a patient's limb to achieve the desired control. The SpryStep® AFO range provides a variety of force pattern options for your patient.

Stiffness - Appropriate stiffness of the AFO will provide correction without blocking the patient's gait. Combining clinical information with Thuasne USA's composite expertise achieves an AFO with optimal stiffness for the patient's pathology.